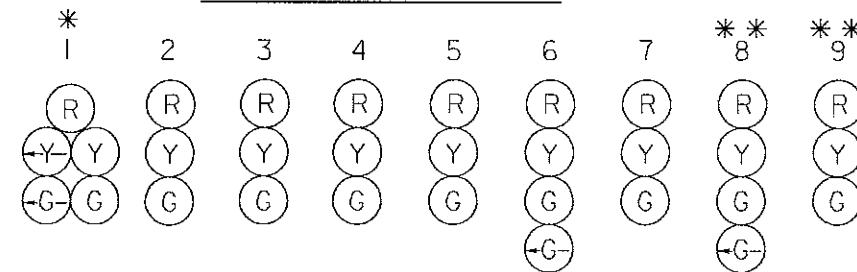


PHASE CHART



PHASE 2+6	G	G	G	G	R	R	R			←
2+6 CHANGE	Y	Y	Y	Y	R	R	R			→
PHASE 3	R	R	R	R	G	G	G			↓
3 CHANGE	R	R	R	R	Y	Y	G			↑
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R			↔

* COVER ARROWS ON SIGNAL HEAD No. 1
** COVER SIGNALS 8 & 9

PROJECT CONTACTS

THE CONTACT PERSONS FOR DISTRICT #3 ARE AS FOLLOWS:

MR. CHARLIE WATKINS
DISTRICT ENGINEER
PHONE: (301) 513-7311

MR. MAJID SHAKIB
ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (301) 513-7358

MR. JOE GECKLE
UTILITY ENGINEER
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MR. RICHARD L. DAFF, SR.
CHIEF, TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630

THE POWER COMPANY REPRESENTATIVE IS:
BALTIMORE GAS AND ELECTRIC COMPANY
MR. JOSEPH G. BUNCH
SUPERVISOR
INDUSTRIAL/COMMERCIAL SERVICES
NEW BUSINESS CONSTRUCTION
PHONE: (410) 859-9030

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE MODIFICATION OF THE TRAFFIC SIGNAL AT MD 197 AND B/W PARKWAY NORTHBOUND RAMP (RAMP C-1) IN PRINCE GEORGE'S COUNTY. MD 197 IS ASSUMED TO RUN IN A NORTH SOUTH DIRECTION.

INTERSECTION OPERATION

I. NORMAL OPERATION

DURING TRAFFIC CONTROL STAGE 3A THE INTERSECTION WILL OPERATE IN A NEMA (3) THREE-PHASE FULL-TRAFFIC-ACTUATED MODE WITH SOUTHBOUND AND NORTHBOUND MARYLAND 197 APPROACHES OPERATING CONCURRENTLY. THE RAMP FROM B/W PARKWAY AND SNOWDON ROAD APPROACHES WILL OPERATE AS SPLIT PHASES.

MAINTENANCE OF TRAFFIC

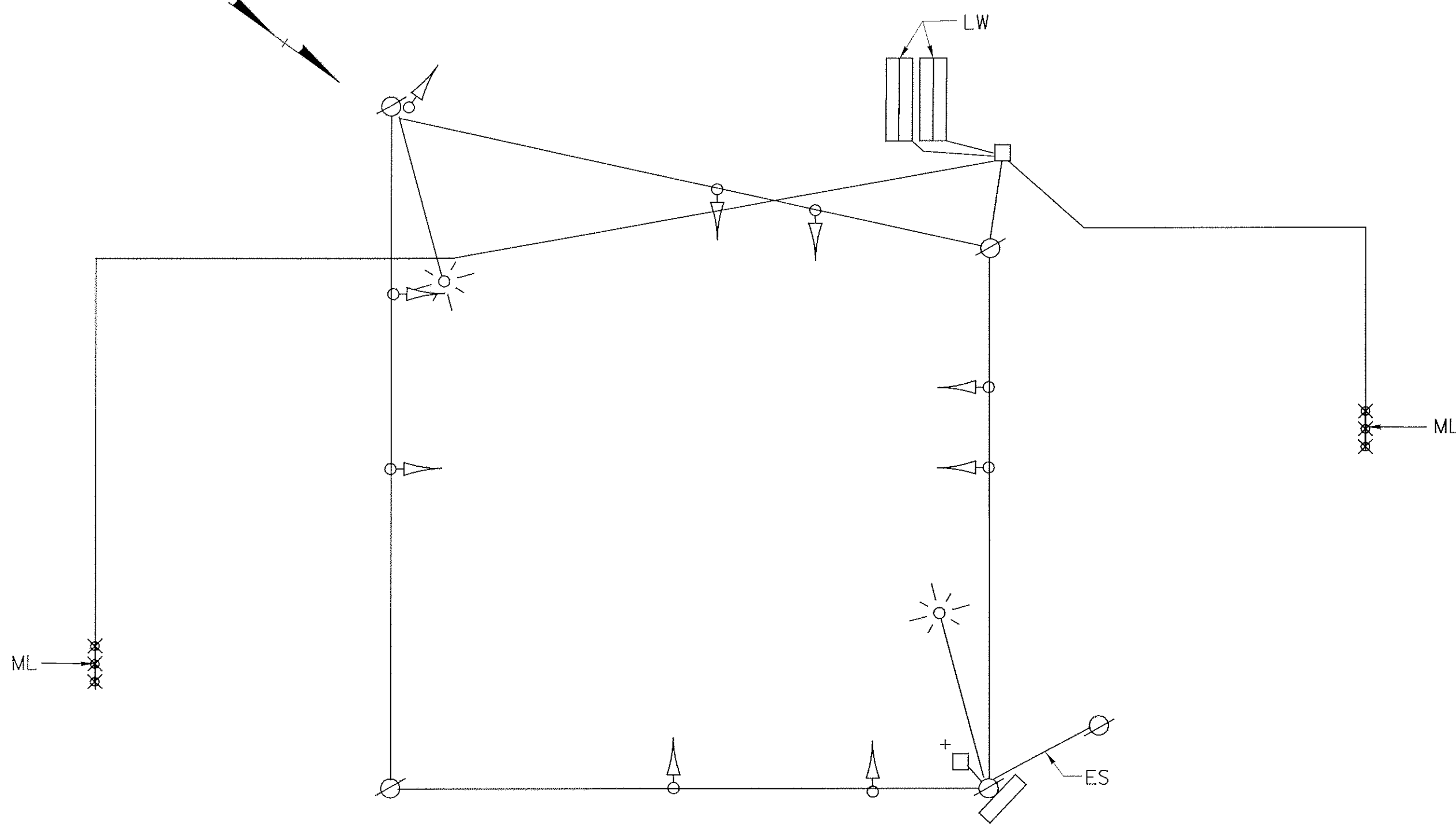
THE TRAFFIC CONTROL NUMBERS SHALL BE REFERENCED FOR THE PROJECT

STANDARD NO. MD-105.00
STANDARD NO. MD-105.01
STANDARD NO. MD-105.02
STANDARD NO. MD-105.101 (FLAGGING OPERATION)
STANDARD NO. MD-105.103 (INTERSECTION FLAGGING OPERATION)

STANDARD NO. MD-105.105 (SHOULDER WORK)
STANDARD NO. MD-105.107 (LANE SHIFT)
STANDARD NO. MD-105.109 (LANE SHIFT)

NOTE: STANDARDS TO BE MODIFIED BY REPLACING W21-5 SIGN WITH A W29-1 SIGN (ROAD WORK AHEAD).

WIRING DIAGRAM



WIRING KEY

LW - LOOP WIRE (NO. 14 A.W.G.)
ES - EXISTING SERVICE
ML - MICRO-LOOP PROBE SET

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

SPEC. SECTION	CATEGORY CODE NO.	QUANTITY	DESCRIPTION
104	120500	L.S.	MAINTENANCE OF TRAFFIC
814	860265	4 EACH	RELOCATE EXISTING SIGNAL HEAD
814	800000	3 EACH	RELOCATE EXISTING SIGN ON SPAN WIRE
—	114245	12 L.F.	FURNISH AND INSTALL 24 IN. WHITE REMOVABLE PREFORMED PAVEMENT MARKING TAPE (STOP LINE).
—	100000	50 L.F.	FURNISH AND INSTALL 5 IN. WHITE REMOVABLE PREFURMED PAVEMENT MARKING TAPE
—	800000	1 EACH	COVER OVERHEAD SIGN
—	800000	L.S.	REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT
—	800000	2 EACH	COVER SIGNAL HEAD

CONSTRUCTION DETAILS

STAGE 3A

- INSTALL 5" WHITE REMOVABLE PREFORMED PAVEMENT MARKING TAPE.
- REMOVE SIGNAL HEAD.
- RELOCATE SIGNS AND SIGNAL HEADS AS DIRECTED BY THE ENGINEER.
- USE EXISTING CONDUIT.
- USE EXISTING HANDHOLE.
- INSTALL 24" WHITE REMOVABLE PREFORMED PAVEMENT MARKING TAPE (STOP LINE).
- COVER SIGN 12 & 13 DURING STAGE 3A.
- COVER ARROWS ON SIGNAL HEAD No. 1.
- COVER SIGNAL HEADS 8, & 9.
- ABANDON EXISTING LOOP DETECTOR.
- INSTALL OVERHEAD SIGN.

EQUIPMENT LIST "A"

A. EQUIPMENT TO BE SUPPLIED BY THE SHA

SPEC. SECTION	CATEGORY CODE NO.	QUANTITY	DESCRIPTION
813	973023	9 S.F.	SHEET ALUMINUM SIGN -1 EACH R3-6 MOD. SIGN (36 IN x 36 IN) "LANE USE CONTROL - LEFT, RIGHT TURNS" SPAN WIRE MOUNT.

STAGE 3A
TEMPORARY TRAFFIC SIGNALS

ADDENDUM

SS-19

MDOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

LOG MILE # 16019711.69

MD 197 AT SNOWDEN RD/RAMP C-1
SIGNAL PLAN

COUNTY: PRINCE GEORGE'S

DRAWN BY: SMH
DES. BY: SMH/DLA
CHK. BY: BJH

DATE: FEBRUARY, 1999 F.A.P. NO. SEE TITLE SHEET
SCALE: N/A S.H.A. NO. N/A

TS/STD. NO.: 3582B-X3A-GI1
SHEET NO. 126 OF 367

RK & K
RUMMEL, KLEPPER
& KAHL, LLP
CONSULTING ENGINEERS
81 MOSHER STREET
BALTIMORE, MARYLAND 21217
TEL: (410) 728-2900 FAX: (410) 383-3270

REVISIONS:	APPROVALS:
	CHIEF SIGNAL DESIGN SECTION
	ASST. DISTRICT ENGINEER - TRAFFIC
	CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
(B) February, 1999 Reconstruct Due to New Geometrics. SHA No.: N/A	DIRECTOR OFFICE OF TRAFFIC & SAFETY